FIG. 1 **ATTY DOCKET 14846-28** 114 -- 110 - 112 - 116 **—** 118 USER LAYER 102 106 ---100 — 152 -150 DATA NETWORK 138 BUSINESS LAYER <u>104</u> 140 -134 -132 -- 138 - 136 - 140

FIG. 2

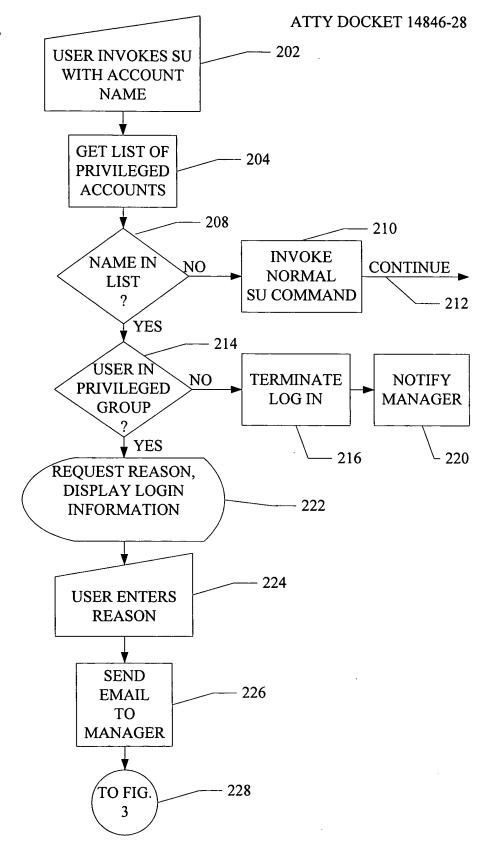
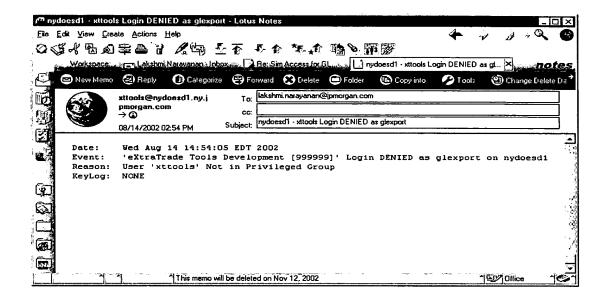


FIG. 3 **ATTY DOCKET 14846-28 FROM** - 300 FIG. 2 LOG - 302 **KEYSTROKES** LOG **KEYSTROKES** - 304 IN DUPLICATE **FILE —** 306 - 314 **STORE** YES LOG OUT LOG FILE NO - 308 LOG FILE NO **SEND TAMPERING** - 316 **EMAIL** TO YES **MANAGER** - 310 <del>--- 320</del> **RECORD** TAMPERING IN (POSSIBLY **DUPLICATE FILE** LATER) 312 **TERMINATE** SEND LOG **LOGIN** - 322 FILE TO **MANAGER** - 324 DONE



You are Requesting access to a privileged account Please Key in Reason for Access to glexport

Reason>>: Add UTI to the IRFE Feed 504

Logging in as glexport 506
Password:
Sun Microsystems Inc. SunOS 5.8 Generic February 2000

\*\*\* IT IS AN OFFENSE TO CONTINUE WITHOUT THE CORRECT AUTHORIZATION \*\*\*

Individuals using this computer system with or without proper authority are subject to having all of their activities monitored and recorded and should have no expectation of privacy unless local law, regulation or contract provides otherwise.

Anyone using this system expressly consents to such monitoring and to all appropriate disclosure of any evidence of criminal activity to law enforcement officials, as well as appropriate disclosure of any evidence of violation of the firm's rules, policies, procedures or standards of conduct to management.

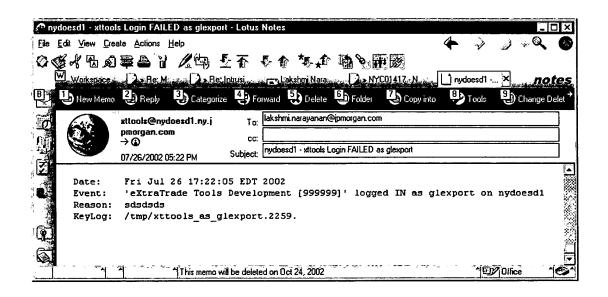
Individuals using this computer system have a legal obligation to treat all information on the system as strictly confidential and not to disclose or allow such information to be disclosed to any third party. This obligation survives any termination of employment with Morgan.

Script started, file is /tmp/xttools\_as\_glexport.26647.20020726 Sourcing ~/.setenvrc ... Sourcing ~/.aliases ... nydoesdl:glexport 1>

## FIG. 6

( <sup>ch</sup> ny	doesd1 - xttool	s logged IN as glexport -	Lotus Not	es						×
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Ø		xttools@nydoesd1.ny.j pmorgan.com	To:	lakshmi.narayanan@ipmo	organ.com					]
		→ <b>③</b> 07/26/2002 04:40 PM	cc: Subject:	audeedt attedateers	IN as glexport	<del></del>				5
	Date: Event: nydoesd1		Devel	opment [999999] '	logged IN a	s gle:	xport	on		A section of the section of
	Reason: KeyLog:	Add UTI to the II /tmp/xttools_as_q			i					
	4	This memo	vill be delet	ed on Oct 24, 2002			4	Office	4	<b>&amp;</b> ^

## FIG. 7



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# FIG. 9

### support. 20021016. summary. csv

HOST	LOGIN	LOGOUT	WHO	REASON	COMMENTS
nydoesp1-cmc	Oct 16 11:30:53 2002	Oct 16 14:11:56 2002	kravuri_as_pxttools	mellon problem	
nydoesp1-cmc	Oct 16 11:36:22 2002	Oct 16 11:36:37 2002	preuter_as_pgltrade	check outcry password for Jeff setup slexifSSGA for ssga	
nydoesp1-cmc	Oct 16 17:38:27 2002	Oct 16 17:47:30 2002	preuter_as_pgltrade	migration	
HOST	LOGIN	LOGOUT	WHO	REASON	COMMENTS
nydoesp2-cmc	Oct 16 02:14:06 2002	Oct 16 09:14:28 2002	mstanton_as_pgltrade	5063-MXS-9BN	
nydoesp2-cmc	Oct 16 17:47:25 2002	Oct 16 18:47:25 2002	kravuri_as_pglcbot	cr 11436-mxs-bna	
HOST	LOGIN	LOGOUT	[WHO]	REASON	COMMENTS
nydoesp3-cmc	Oct 16 07:26:52 2002	Oct 16 07:28:18 2002	abelle_as_pglcme	to fix p14 processes for sleAP & EUR CD Ticket 5073-ARB-FAN	
•	Oct 16 16:29:31 2002	Oct 16 16:30:48 2002	abelle_as_pglcme	to fix p14 process for sleEUR CD Ticket 5102- ARB-RW5 to fix NetProbe CD Ticket	
• •	Oct 16 07:30:23 2002	Oct 16 07:30:55 2002	abelle_as_pgltrade	# 5074-ARB-FDS	
nydoesp3-cmc	Oct 16 12:36:24 2002	Oct 16 12:42:39 2002	Inarayan_as_pglexprt	11454-LN-V8K	
nydoesp3-cmc	Oct 16 17:38:53 2002	Oct 16 18:47:28 2002	kravuri_as_pglcbot	11458-cxl-dc4	
nydoesp3-cmc	Oct 16 18:53:05 2002	Oct 16 18:58:19 2002	tlatner_as_pglcbot	CR #11458-CXL-DC4	
HOST	LOGIN	LOGOUT	WHO	REASON	COMMENTS
HOST	LOGIN	LOGOUT	WHO	REASON	COMMENTS
nydoesp5-cmc	Oct 16 12:37:01 2002	Oct 16 12:45:22 2002	abelle_as_pglcme	to check recep file	
nydoesp5-cmc	Oct 16 06:35:14 2002	Oct 16 13:48:33 2002	rmaraldo_as_pglcme	check user	
nydoesp5-cmc	Oct 16 18:14:29 2002	Oct 16 18:52:36 2002	tlatner_as_pglcme	CR #11458-CXL-DC4	
nydoesp5-cmc	Oct 16 17:26:35 2002	Oct 16 18:48:27 2002	kravuri_as_pglcme	11458-cxl-dc4	

### FIG. 10

#### sureport.nydoesp1-cmc.20021016.detail.txt

```
nydoespl-cmc Privileged Login Info for 20021016
kravuri as pxttools
LOGIN: Oct 16 11:30:53 2002
LOGOUT: Oct 16 14:11:56 2002
REASON: mellon problem
preuter_as_pgltrade
LOGIN: Oct 16 11:36:22 2002
LOGOUT: Oct 16 11:36:37 2002
REASON: check outcry password for Jeff
nydoesp1-cmc:pqltrade:/apps/qltrade>cdh
nydoesp1-cmc:pgltrade:/apps/gltrade>cd sleoutcryNA/conf
nydoespl-cmc:pgltrade:/apps/gltrade/sleoutcryNA/conf>view users.ini
preuter_as_pgltrade
LOGIN: Oct 16 17:38:27 2002
LOGOUT: Oct 16 17:47:30 2002
REASON: setup slexifSSGA for ssga migration
nydoespl-cmc:pgltrade:/apps/gltrade>cdh
nydoesp1-cmc:pgltrade:/apps/gltrade>cd slexifSSGA/conf
nydoespl-cmc:pgltrade:/apps/gltrade/slexifSSGA/conf>../bin/stopslexif
nydoespl-cmc:pgltrade:/apps/gltrade/slexifSSGA/conf>cp -p slexif.ini
slexif.ini^R
nydoesp1-cmc:pqltrade:/apps/qltrade/slexifSSGA/conf>vi slexif.ini
nydoespl-cmc:pgltrade:/apps/gltrade/slexifSSGA/conf>!v
nydoesp1-cmc:pgltrade:/apps/gltrade/slexifSSGA/conf>cd ../log
nydoesp1-cmc:pgltrade:/apps/gltrade/slexifSSGA/log>ll
nydoesp1-cmc:pgltrade:/apps/gltrade/slexifSSGA/log>tf p10_20021016.log
```